

	Type	L #	Hits	Search Text
1	B R S	L1	31	Joanne with walter
2	B R S	L2	154994	voice
3	B R S	L3	8	1 and 2
4	B R S	L4	385663	predetermined with time
5	B R S	L5	11737	voice with (command\$1 or instruction\$1)
6	B R S	L6	2627	4 and 5
7	B R S	L7	366	voice adj type
8	B R S	L8	35	6 and 7
9	B R S	L9	299888 6	volume or level or threshold
10	B R S	L10	239968	female or male
11	B R S	L11	279658	pitch
12	B R S	L12	168235	tone
13	B R S	L13	29	8 and 9
14	B R S	L14	0	13 and 10

	Type	L #	Hits	Search Text
15	B R S	L15	4	13 and 11
16	B R S	L16	4	15 and 12
17	B R S	L17	25	13 not 16
18	B R S	L18	0	17 and 10
19	B R S	L19	6	8 not 13
20	B R S	L20	2	5839104.URPN.
21	B R S	L21	2	20 not 8
22	B R S	L22	2	21 and 2
23	B R S	L23	37	8 or 22
24	B R S	L24	331	7 not 23
25	B R S	L25	30	24 and 10
26	B R S	L26	25	25 and 9
27	B R S	L27	5	26 and 4
28	B R S	L28	20	26 not 27

	Type	L #	Hits	Search Text
29	B R S	L29	4	28 and 5
30	B R S	L30	16	28 not 29
31	B R S	L31	67	23 or 25
32	B R S	L32	301	24 not 31

	Type	L #	Hits	Search Text
1	B R S	L1	154994	voice
2	B R S	L2	1	6354498.pn.
3	B R S	L3	1	1 and 2
4	B R S	L4	22	("6354498" "6324511" "4947028" "5083638" "5115888" "5747784" "5426282" "5609223" "5963217" "6088674").pn.
5	B R S	L5	67	(((((predetermined with time) and (voice with (command\$1 or instruction\$1))) and (voice adj type)) or ((5839104.URPN. not (((predetermined with time) and (voice with (command\$1 or instruction\$1))) and (voice adj type))) and voice)) or (((voice adj type) not (((predetermined with time) and (voice with (command\$1 or instruction\$1))) and (voice adj type)) or ((5839104.URPN. not (((predetermined with time) and (voice with (command\$1 or instruction\$1))) and (voice adj type))) and voice))) and (female or male)))
6	B R S	L6	86	4 or 5
7	B R S	L7	301	((voice adj type) not (((predetermined with time) and (voice with (command\$1 or instruction\$1))) and (voice adj type)) or ((5839104.URPN. not (((predetermined with time) and (voice with (command\$1 or instruction\$1))) and (voice adj type))) and voice))) not (((predetermined with time) and (voice with (command\$1 or instruction\$1))) and (voice adj type)) or ((5839104.URPN. not (((predetermined with time) and (voice with (command\$1 or instruction\$1))) and (voice adj type))) and voice)) or (((voice adj type) not (((predetermined with time) and (voice with (command\$1 or instruction\$1))) and (voice adj type)) or ((5839104.URPN. not (((predetermined with time) and (voice with (command\$1 or instruction\$1))) and (voice adj type))) and voice))) and (female or male)))

	Type	L #	Hits	Search Text
8	B R S	L8	11667	(point near5 sale)
9	B R S	L9	332	checkout near5 terminal
10	B R S	L10	407	checkout near5 station
11	B R S	L11	106	checkout near5 machine
12	B R S	L12	191	(check adj out) near5 terminal
13	B R S	L13	301	(check adj out) near5 station
14	B R S	L14	141	(check adj out) near5 machine
15	B R S	L15	410	retail near5 machine
16	B R S	L16	1407	retail near5 (terminal or station)
17	B R S	L17	13641	8 or 9 or 10 or 11 or 12 or 13 or 14 or 15 or 16
18	B R S	L18	12	7 and 17
19	B R S	L19	427719	(predetermined with time) or (time with elapsed)
20	B R S	L20	6	18 and 19
21	B R S	L21	12	18 not 6

	Ty pe	L #	Hits	Search Text
22	B R S	L22	6	21 not 20
23	B R S	L23	289	7 not 18
24	B R S	L24	68	23 and 19
25	B R S	L25	0	24 and 17
26	B R S	L26	11737	voice with (command\$1 or instruction\$1)
27	B R S	L27	6	24 and 26
28	B R S	L29	239968	male or female
29	B R S	L30	0	28 and 29
30	B R S	L28	62	24 not 27
31	B R S	L31	221	23 not 24
32	B R S	L32	0	31 and 17
33	B R S	L33	166	6 or 18 or 24
34	B R S	L34	3228	704/206,207,208,260,261,266,267,268,270,271,272,273,274,275,276.ccls.
35	B R S	L35	2918	705/1,500,16,17,18,19,20,21,22,23,24,25.ccls.

	Type	L #	Hits	Search Text
36	B R S	L36	431	186/59,60,61,62,63,64,65,66,67,68,52.ccls.
37	B R S	L37	7013	235/375,380,381,383,385.ccls.
38	B R S	L38	1455	177/25.11,25.12,25.13,25.14,25.15,25.16,25.17,25.18.ccls.
39	B R S	L39	14703	34 or 35 or 36 or 37 or 38
40	B R S	L40	14678	39 not 33
41	B R S	L41	794	40 and 1 and 19
42	B R S	L42	91	41 and 17
43	B R S	L44	0	29 and 43
44	B R S	L43	15	42 and 26
45	B R S	L45	76	42 not 43
46	B R S	L46	5	29 and 45
47	B R S	L47	71	45 not 46
48	B R S	L48	637328	(command\$1 or instruction\$1)
49	B R S	L49	56	47 and 48

	Type	L #	Hits	Search Text
50	B R S	L50	15	47 not 49
51	B R S	L51	9766	(voice adj generating) or (voice with synthesiz\$3)
52	B R S	L52	371	51 and 29
53	B R S	L54	1	17 and 53
54	B R S	L53	137	26 and 52

	DBs	Time Stamp	C o m m e n t s	E r r o r s	E r r o r s
1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/21 16:18			0
2	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/21 16:18			0
3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/21 18:03			0
4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/21 18:04			0
5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/21 18:04			0
6	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/21 18:15			0
7	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/21 18:15			0
8	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/21 18:16			0
9	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/21 18:17			0
10	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/21 18:17			0
11	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/21 18:17			0
12	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/21 18:18			0
13	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/21 18:18			0
14	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/21 18:18			0

	DBs	Time Stamp	Comments	Corrections	Errors
15	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/21 18:18			0
16	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/21 18:27			0
17	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/21 18:52			0
18	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/21 18:28			0
19	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/21 19:13			0
20	USPAT	2002/05/21 19:05			0
21	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/21 19:13			0
22	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/21 19:17			0
23	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/21 19:17			0
24	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/21 19:17			0
25	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/21 19:17			0
26	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/21 19:17			0
27	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/21 19:21			0
28	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/21 19:21			0

	DBs	Time Stamp	C o m m e n t s	E r r o r D e f i n i t i o n	E r r o r s
29	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/21 19:30			0
30	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/21 19:31			0
31	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/21 19:31			0
32	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/21 19:31			0

	DBs	Time Stamp	C o m m e n t s	E r r o r s
1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/22 12:29		0
2	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/22 13:15		0
3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/22 12:30		0
4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/22 13:18		0
5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/22 13:33		0
6	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/22 13:22		0
7	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/22 13:25		0

	DBs	Time Stamp	C o m m e n t s	E r r o r s	E r r o r s
8	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/22 13:26			0
9	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/22 13:28			0
10	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/22 13:29			0
11	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/22 13:30			0
12	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/22 13:29			0
13	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/22 13:29			0
14	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/22 13:31			0
15	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/22 13:31			0
16	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/22 13:32			0
17	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/22 13:33			0
18	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/22 13:33			0
19	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/22 13:35			0
20	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/22 13:48			0
21	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/22 13:35			0

	DBs	Time Stamp	C o m m e n t s	E r r o r s	E r r o r s
22	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/22 13:50			0
23	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/22 13:51			0
24	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/22 13:51			0
25	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/22 13:51			0
26	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/22 16:07			0
27	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/22 13:58			0
28	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/22 13:58			0
29	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/22 13:58			0
30	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/22 14:05			0
31	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/22 14:05			0
32	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/22 14:06			0
33	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/22 14:08			0
34	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/22 14:10			0
35	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/22 14:11			0

	DBs	Time Stamp	C o m m e n t s	E r r o r s
36	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/22 14:11		0
37	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/22 14:13		0
38	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/22 14:14		0
39	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/22 14:14		0
40	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/22 14:15		0
41	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/22 14:16		0
42	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/22 14:16		0
43	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/22 16:00		0
44	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/22 15:59		0
45	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/22 15:59		0
46	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/22 16:07		0
47	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/22 16:07		0
48	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/22 16:07		0
49	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/22 17:12		0

	DBs	Time Stamp	C o m m e n t s	E r r o r D e f i n i t i o n	E r r o r s
50	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/22 17:12			0
51	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/22 17:29			0
52	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/22 17:30			0
53	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/22 17:31			0
54	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/22 17:34			0

DERWENT-ACC-NO: 1996-291804
DERWENT-WEEK: 199630
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TITLE: Vocal type work indication device - has control unit that makes audio signal output unit to output contents in order of received instructions, when audio signal from external is input in predetermined time

PATENT-ASSIGNEE: NEC CORP[NIDE]

PRIORITY-DATA: 1994JP-0252580 (October 19, 1994)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 08123482 A	May 17, 1996	N/A	016	G10L 003/00

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
JP08123482A	N/A	1994JP-0252580	October 19, 1994

INT-CL_(IPC): G10L003/00

ABSTRACTED-PUB-NO: JP08123482A

BASIC-ABSTRACT: The device has a speech synthesis part that reads the vocal

code from a memory (5a) and outputs the audio signal. An audio signal output unit (2) outputs the audio signal that directs the contents of the work to be done, through an ear phone (9). A speech recognition part (3) recognises the audio signal received by a microphone (10).

When the audio signal from the external is received in predetermined time after output of the audio signal, a control unit (5) controls the audio signal output unit to output the contents in order of reception of the vocal instructions according to the recognition results.

ADVANTAGE - Shortens worker's study time. Increases work efficiency.

CHOSEN-DRAWING: Dwg.1/5

TITLE-TERMS:

VOICE TYPE WORK INDICATE DEVICE CONTROL UNIT AUDIO SIGNAL

TR

OUTPUT UNIT OUTPUT
CONTENT ORDER RECEIVE INSTRUCTION AUDIO SIGNAL EXTERNAL
INPUT PREDETERMINED
TIME

DERWENT-CLASS: P86 W04

EPI-CODES: W04-V04C;

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N1996-245110